



U.S. Department of Commerce
BUREAU OF THE CENSUS
BUREAU OF INDUSTRIAL ECONOMICS

Titanium Ingot, Mill Products, and Castings



JUNE 1982

ITA-991(82)-6
Issued September 1982

The total production of titanium ingot for June was 4.0 million pounds. This represented an 11-percent increase from the May total of 3.6 million pounds. Consumption of titanium ingot increased by 3 percent in June to 4.6 million pounds from 4.5 million pounds in May. Net shipments of titanium mill products increased by 7 percent to 3.2 million pounds in June from 2.9

million pounds in May. Total shipments of titanium castings decreased by 13 percent to 39 thousand pounds in June from 45 thousand pounds in May.

A description of the survey methodology and related information may be found in the January 1982 report for this series, ITA-991(82)-1, issued June 1982.

Table 1. NET SHIPMENTS OF TITANIUM MILL PRODUCTS

(Thousands of pounds)			
Product	June 1982	May 1982	June 1981
Total ¹	3,159	2,946	4,804
Sheet and strip.....	(²)	(²)	(²)
Plate.....			
Poring and extrusion billet.....	1,701	1,624	2,360
Rod and bar.....	353	249	730
Fastener stock and wire.....	59	60	111
Extrusion.....			
Pipe and tubing.....	1,165	1,132	1,732
Other.....			

¹Net shipments, total, is the sum of mill products consumed in the manufacture of fabricated products, less total receipts. Net shipments for each mill product category also includes the consumption of mill products in that category in the manufacture of other mill products. Detail does not add to total because of this difference in definition.

²Data for sheet and strip, plate, extrusion (other than tubing), pipe and tubing, and other have been combined to avoid disclosing individual company data.

Table 2. TITANIUM INGOT, MILL PRODUCTS, AND CASTINGS: 1981 AND 1982

Month and year	Ingot					Mill products			Castings	
	Production	Consumption	Shipments	Receipts	Ending inventories	Production	Receipts	Net shipments ¹	Production	Shipments
1982										
June.....	4,021	4,631	653	589	5,599	3,169	388	3,159	64	39
May.....	3,610	4,480	456	670	5,994	3,084	357	2,946	59	45
April.....	5,001	5,204	769	806	6,405	3,209	353	3,436	69	54
March.....	6,858	7,320	867	1,071	6,552	4,361	704	4,454	90	59
February.....	6,505	6,202	973	1,252	6,686	4,185	830	3,458	83	55
January.....	6,452	6,222	1,363	955	6,523	4,475	825	3,655	77	43
1981										
Total.....	(NA)	(NA)	(NA)	(NA)	(NA)	58,940	9,084	50,983	675	417

(NA) Not available.

¹See table 1 for more detailed data.

²Net shipments, total, is the sum of mill products consumed in the manufacture of fabricated products, less total receipts. Net shipments for each mill product category also includes the consumption of mill products in that category in the manufacture of other mill products. Detail does not add to total because of this difference in definition.

Address inquiries concerning these figures to the U.S. Department of Commerce, Bureau of Industrial Economics, Materials Division, Washington, D.C. 20230, or to the Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Nathaniel Shelton, (301) 763-2529.

For sale by Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 25 cents per copy, \$3.25 per year.

Table 3. NET SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF TITANIUM MILL PRODUCTS: 1981 AND 1982

(Quantity in thousands of pounds; value in thousands of dollars)

Month and year	Manufacturers' net shipments ¹ (quantity)	Exports of domestic merchandise ¹			Percent exports to manufacturers' net shipments ¹ (quantity)	Imports for consumption ²		Apparent consumption ³ (quantity)	Percent imports to apparent consumption ³ (quantity)
		Quantity	Value at port	Estimated producers' value ⁴		Quantity	Value ⁵		
JUNE 1982									
Total.....	3,931	565	7,144	6,952	14	103	842	3,469	
Titanium ingot and forging and extrusion billet ⁷	2,354	492	5,496	5,349	21	70	437	1,932	4
Titanium mill products.....	1,577	73	1,648	1,604	5	33	405	1,537	2
MAY 1982									
Total.....	3,521	666	13,077	12,725	18	329	3,285	3,184	10
Titanium ingot and forging and extrusion billet ⁷	2,080	439	9,165	8,918	21	106	1,011	1,747	6
Titanium mill products.....	1,441	227	3,912	3,807	16	223	2,274	1,437	16
APRIL 1982									
Total.....	4,313	537	7,845	7,634	12	191	2,097	3,967	5
Titanium ingot and forging and extrusion billet ⁷	2,755	376	5,066	4,930	14	71	538	2,450	3
Titanium mill products.....	1,558	161	2,779	2,704	10	120	1,559	1,517	8
MARCH 1982									
Total.....	5,496	591	9,570	9,313	11	222	2,726	5,127	4
Titanium ingot and forging and extrusion billet ⁷	3,292	366	5,586	5,436	11	39	584	2,965	1
Titanium mill products.....	2,204	225	3,984	3,877	10	183	2,142	2,162	9
FEBRUARY 1982									
Total.....	4,608	734	11,456	11,148	16	187	1,911	4,061	5
Titanium ingot and forging and extrusion billet ⁷	2,814	433	6,037	5,875	15	25	194	2,406	10
Titanium mill products.....	1,794	301	5,419	5,274	17	162	1,717	1,655	10
JANUARY 1982									
Total.....	5,313	983	12,598	13,501	19	105	1,318	4,435	2
Titanium ingot and forging and extrusion billet ⁷	3,277	657	7,920	10,386	20	30	366	2,650	11
Titanium mill products.....	2,036	326	4,678	2,115	16	75	952	1,785	4
1981									
Total.....	(NA)	12,098	159,454	155,165	(NA)	2,719	27,234	(NA)	(NA)
Titanium ingot and forging and extrusion billet ⁷	(NA)	8,405	105,647	102,805	(NA)	488	5,221	(NA)	(NA)
Titanium mill products.....	27,303	3,693	53,807	52,360	13	2,231	22,013	25,841	9

(NA) Not available.

¹For a comparison of Standard Industrial Classification (SIC) codes, export (Schedule B) codes, and import (TSUSA) codes, please refer to the January report for this series, ITA-991(82)-1, issued June 1982.²Source: Bureau of the Census report EM-546, U.S. Exports--Schedule B--Commodity by Country.³These values were derived by use of adjustment factors to exclude freight, insurance, and other charges incurred in moving goods to the port of export. This adjustment is made to convert the values to an approximation of the producers' value of exported goods. Current adjustment factors are based on data for 1980 which are published in Origin of Exports of Manufactured Products, M80(A8)-6, appendix B. Comparable adjustment factors for earlier years are based on similar factors developed for 1971 and 1972. The current adjustment factor for this report is 0.9731.⁴Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.⁵The value includes c.i.f. (cost, insurance, and freight) at the first port of entry in the United States plus U.S. import duties and other charges to the import point.⁶Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.⁷Comparability of output, export, and import classifications for ingot and billet assume that bloom, sheet bar, and slab are reported as ingot or billet in the output codes. Figures for imports of ingot and billet also include powder, crystal, and similar primary forms which are excluded from the output and export codes.

Value of New Construction Put in Place in the United States 1964 to 1980

CURRENT REVISIONS

This supplement to Construction Reports C30 provides the latest monthly and annual estimates of new construction put in place in the United States for 1964 through 1980.

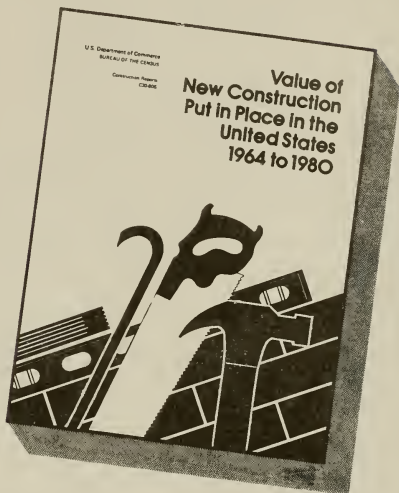
Revisions have been made to the "farm nonresidential" category beginning in 1964 using data contained in the U.S. Department of Agriculture Report, *Income and Balance Sheet Statistics, 1979*.

New Seasonal factors, based upon monthly revisions through December 1980, were used to revise seasonally adjusted data for 1978 through 1980.

The constant dollar series have been revised to reflect the base year change from 1972 to 1977. The monthly estimates are presented at seasonally adjusted annual rates and not seasonally adjusted. Statistics are presented on a 1977 base year for the years 1964 through 1980.

Charts compare current and 1977 constant dollar estimates from 1964 through 1980 for all new construction, public construction, private residential construction, and private nonresidential construction.

Annual statistics on new construction put in place from 1915 through 1964 also appear.



Cut along this line

Mail order form to: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.
Make check or money order payable to: SUPERINTENDENT OF DOCUMENTS

Please send me _____ copy(ies) of Value of New Construction Put in Place in the United States, 1964 to 1980: \$7 S/N 003-024-03154-0

OR

Master Card
and
VISA
accepted.

Total charges \$ _____ Fill in the boxes below.

Credit Card No.

Expiration Date
Month/Year

Order No. _____

SHIP TO: (Please Print or Type)

Company or Personal Name

Additional address/Attention line

Street address

City

State

ZIP Code

(or Country)

For Office Use Only

Quantity Charges

Enclosed
To be mailed
Subscriptions

Postage
Foreign handling
MMOB
OPNR

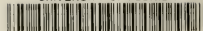
UPNS
Discount
Refund

U.S. Department
of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business

Penalty for Private Use, \$300

UNIVERSITY OF FLORIDA



3 1262 08589 3427

POSTAGE & FEES PAID
CENSUS
PERMIT No. G-58

